

CLASS SPECIFICATION
County of Fairfax, Virginia

CLASS CODE: 6541

TITLE: PLANT MAINTENANCE SUPERINTENDENT

GRADE: S-23

DEFINITION:

Under direction, serves as a second line supervisor with overall responsibility for the management of the preventative, predictive and corrective maintenance program of a large 24/7 wastewater treatment plant; and performs related duties as required.

DISTINGUISHING CHARACTERISTICS OF THE CLASS:

This class serves as a second level supervisor, overseeing the plant maintenance program.

ILLUSTRATIVE DUTIES:

(The illustrative duties listed in this specification are representative of the class but are not an all inclusive list. A complete list of position duties and unique physical requirements can be found in the position description.)

Oversees the daily operation of the sewage treatment maintenance program, both preventative and corrective, through the use of a computerized management system to ensure effective equipment performance;

Plans, coordinates and directs the preventive, predictive, and corrective maintenance program for mechanical, electrical, hydraulic, pneumatic, and structural components of process equipment and related support equipment and buildings;

Assesses cause and effect of equipment failure and establishes priorities for the performance of corrective maintenance and plant modification;

Evaluates the mechanical needs of equipment through visual observation, system monitoring and feedback received from all trades and assesses urgency of maintenance;

Consults on highly complex mechanical maintenance on plant process equipment and major mechanical repairs and overhauls as needed;

Researches possibilities for improved operational efficiency;

Reviews design drawings, writes specifications, coordinates with design consultants and other county agencies to ensure the use of appropriate equipment and materials;

Supervises subordinate employees including coaching, counseling, training and evaluations;

Oversees safety programs to ensure they are implemented, communicated, and all plant mechanics are in compliance.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

(The knowledge, skills and abilities listed in this specification are representative of the class but are not an all inclusive list.)

Knowledge of the practices, methods, materials and tools of the mechanical trades related to the maintenance of treatment plant equipment;

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Ability to plan, direct and coordinate an effective preventive and corrective maintenance program;

Ability to assess cause and effect of equipment failure and establish priorities for the performance of corrective maintenance and plant modification;

Ability to make prompt and sound decisions in emergencies arising from electrical power failures, motor and pump failures and accidents involving release of toxic chemicals;

Ability to read and interpret complex equipment specifications;

Ability to maintain accurate records and to prepare reports;

Knowledge of word processing and spreadsheet software programs and database applications;

Ability to plan and supervise the work of subordinate personnel;

Knowledge of safety regulations, policies, and procedures applicable to maintaining a large Wastewater Treatment Plant.

EMPLOYMENT STANDARDS:

Any combination of education, training, and experience equivalent to the following:

Graduation from high school, or a GED issued by a state department of education and nine years of industrial mechanical experience, including two years as a supervisor.

CERTIFICATES AND LICENSES REQUIRED:

Must have and maintain a valid Motor Vehicle Driver's License.

NECESSARY SPECIAL REQUIREMENTS:

Subject to 24 hour call back and must, therefore, be able to work emergency overtime.

Subject to working in adverse weather conditions and may be exposed to raw waste.

REVISED: April 21, 2009